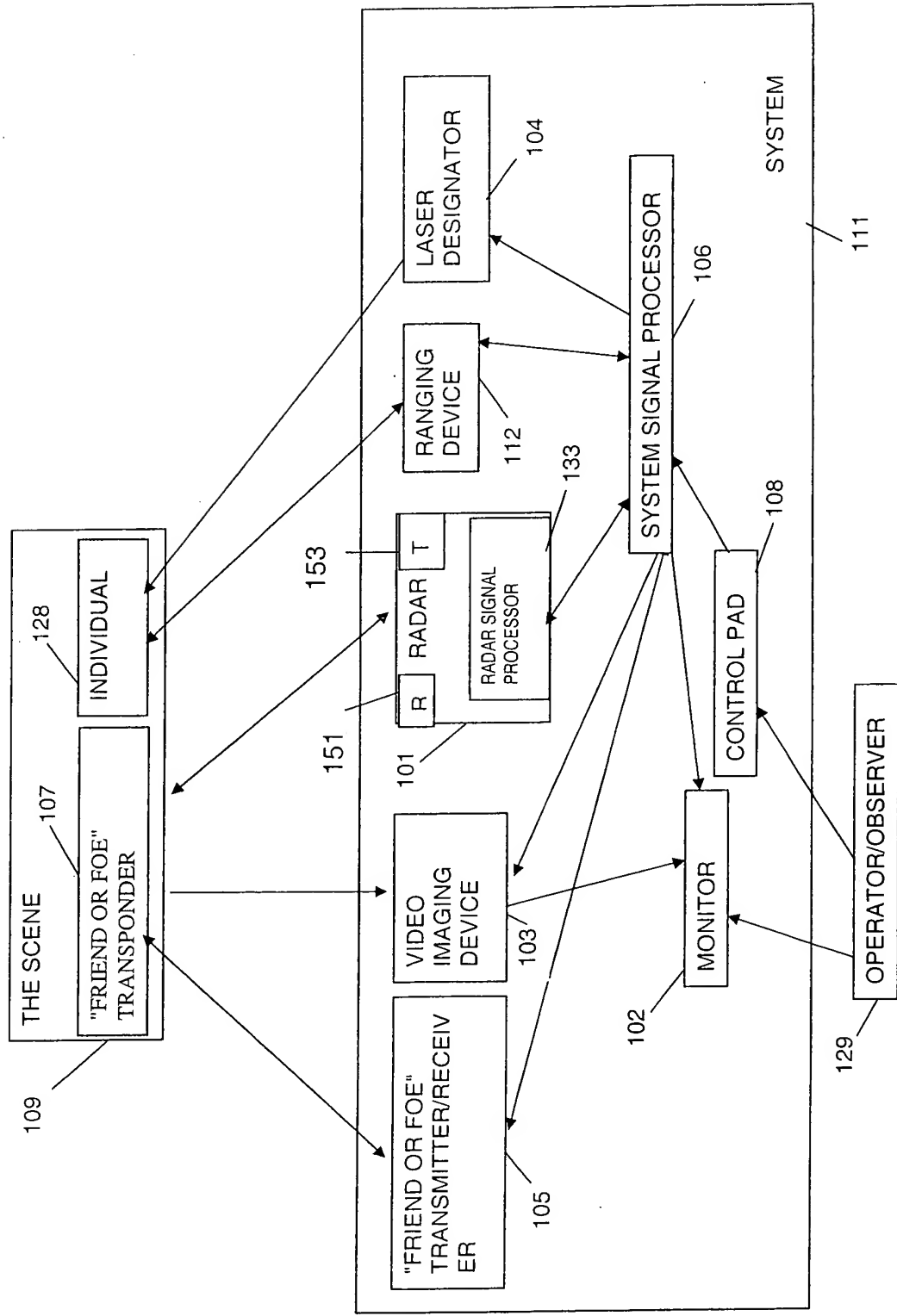


FIGURE 1



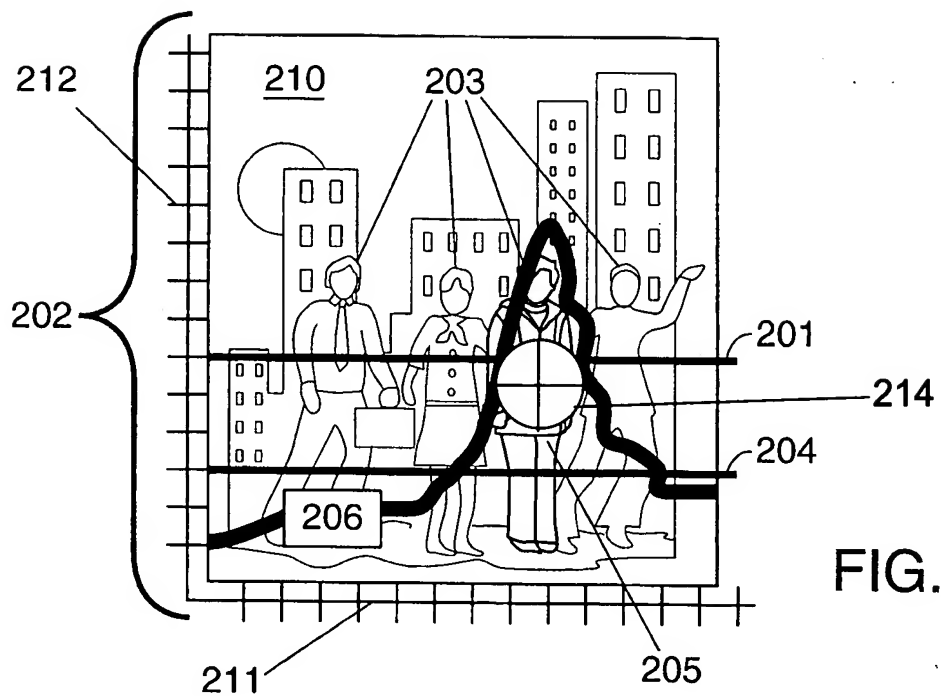


FIG. 2a

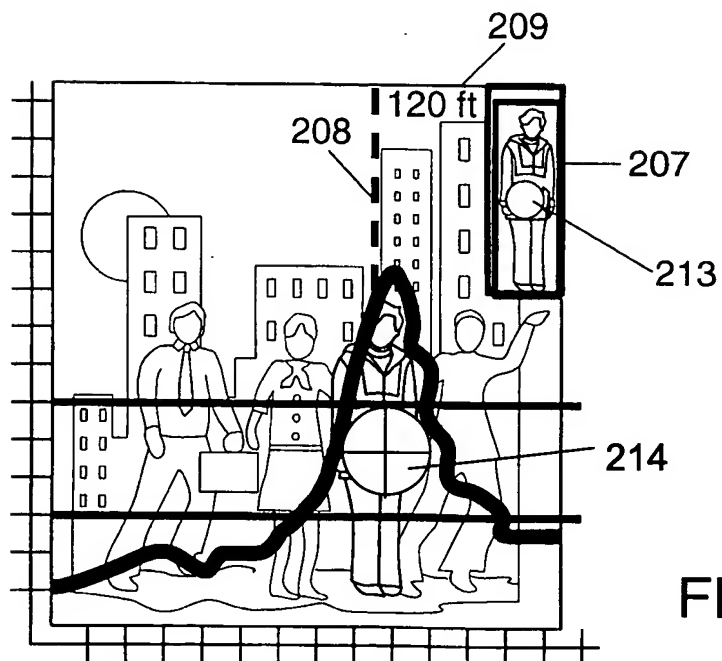


FIG. 2b

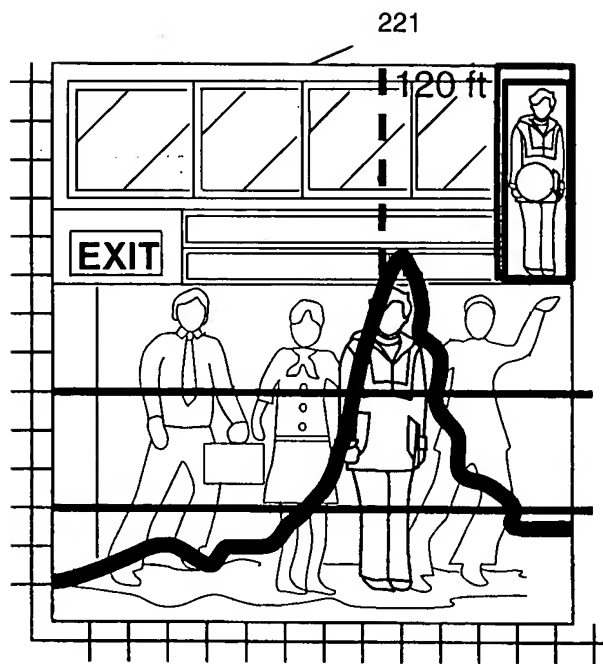


FIG. 2c

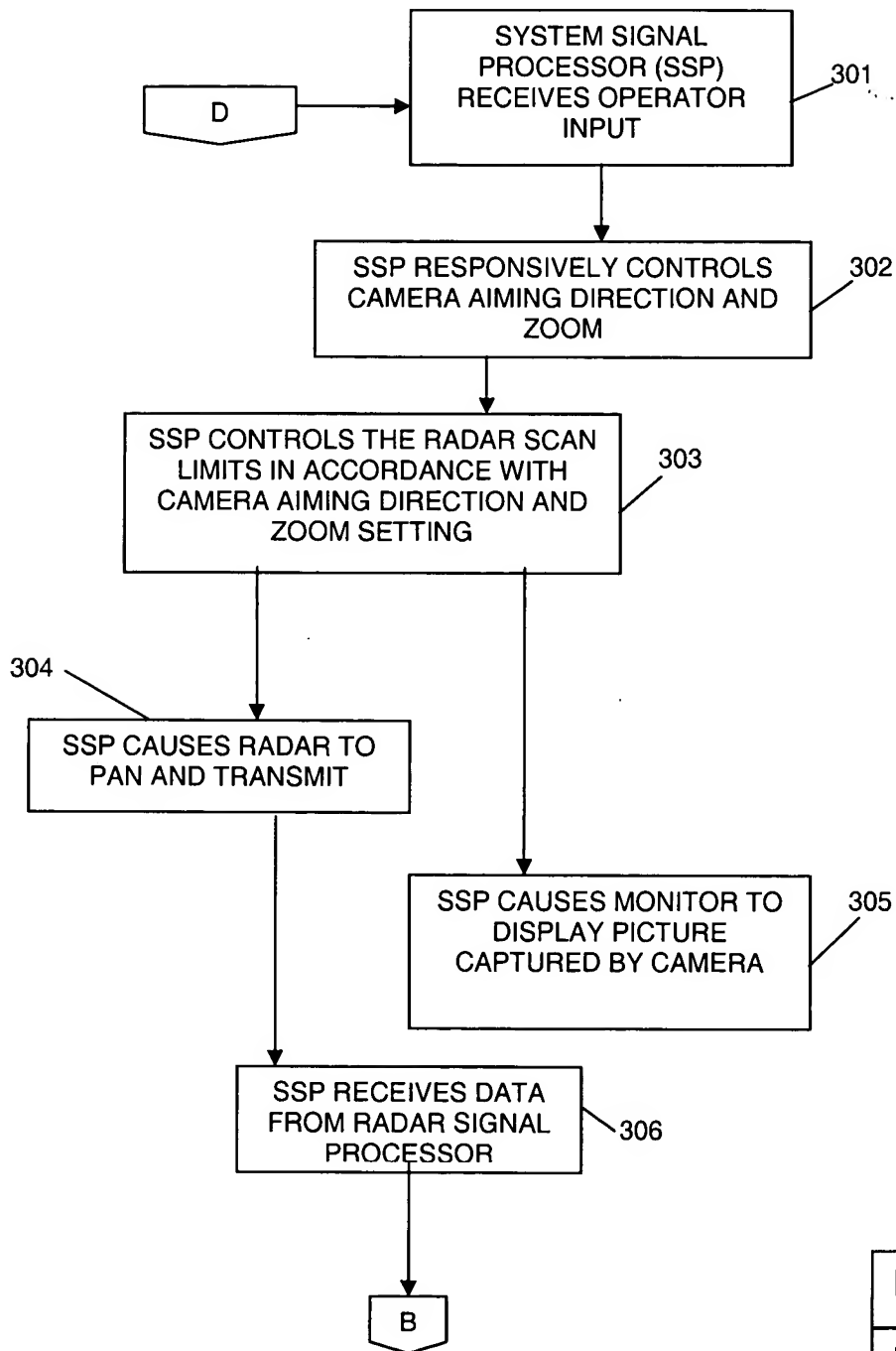


FIGURE 3A

FIGURE 3A
FIGURE 3B
FIGURE 3C

FIGURE 3

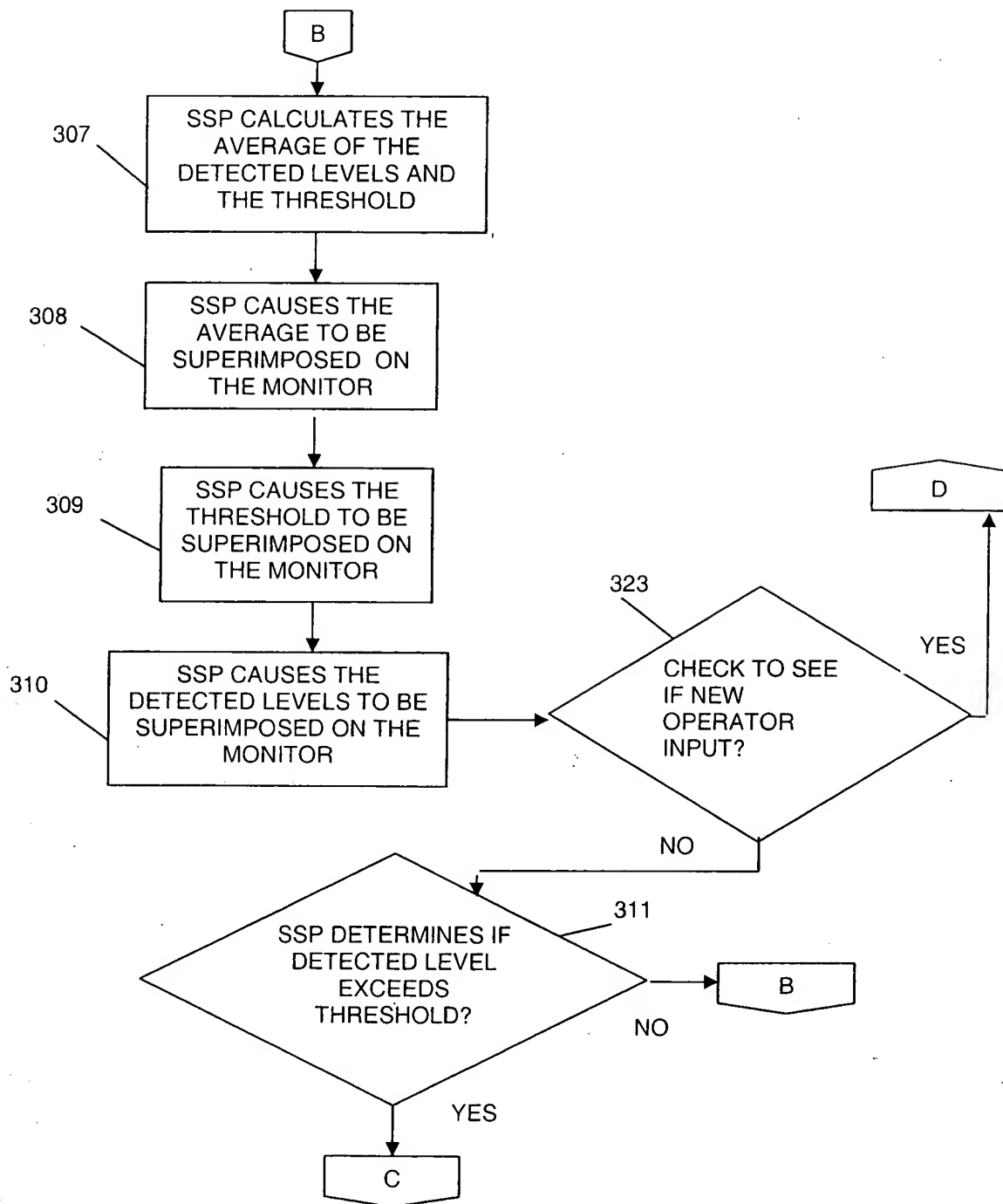


FIGURE 3B

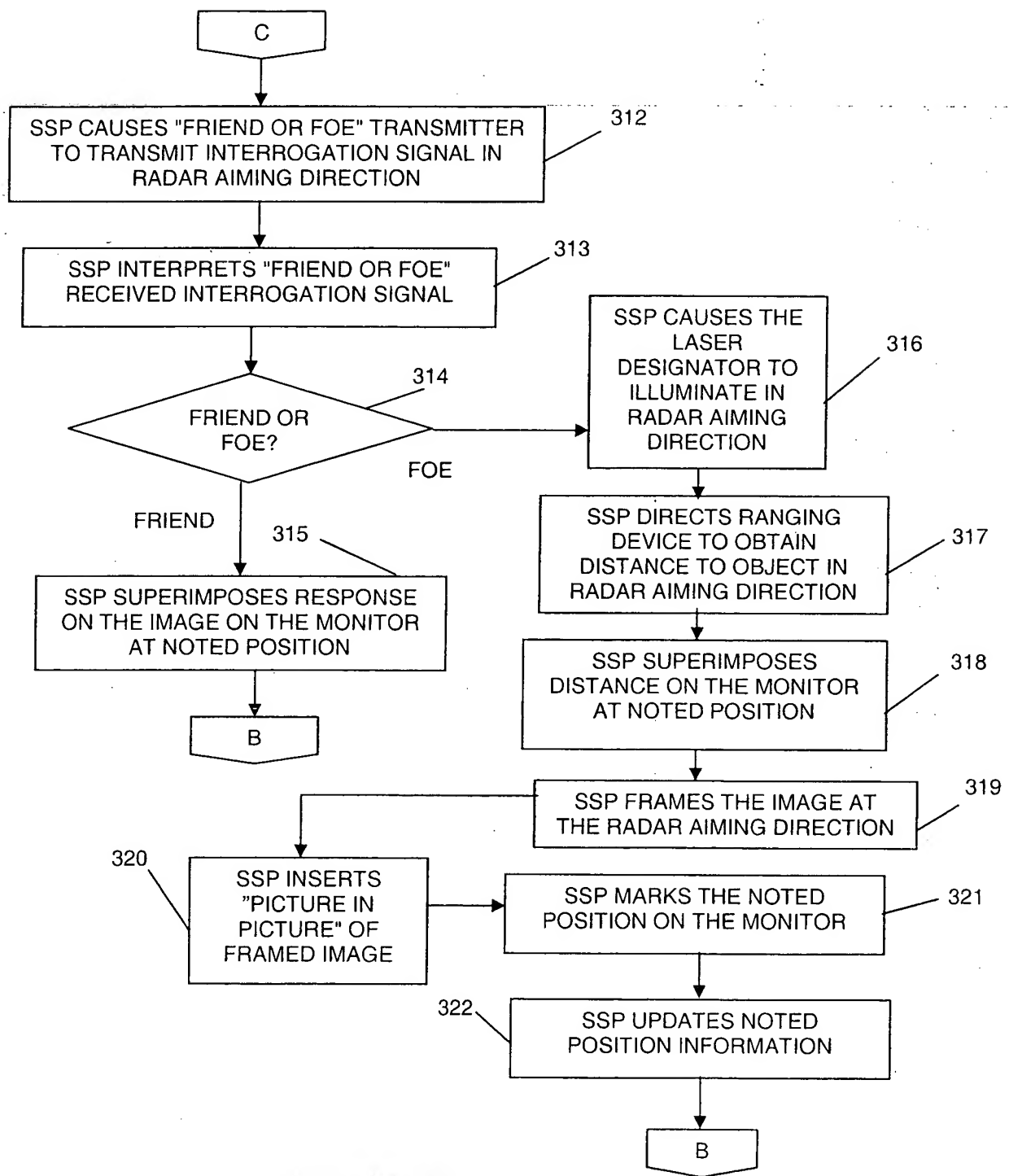


FIGURE 3C

400	
413	
414	
401	PARAMETER
402	VALUE
403	FREQUENCY
404	95 GHZ
405	WAVE LENGTH
406	0.32 CENTIMETERS
407	ANTENNA GAIN
408	43 DB
409	RADAR BANDWIDTH
410	475 MHZ
411	NOISE FIGURE
412	5 DB
	LOSSES
	4 DB
	PEAK TRANSMITTED POWER
	0.1 WATT
	BEAMWIDTH
	1.15 DEGREES
	ANTENNA DIAMETER
	19.3 CENTIMETERS
	ANTENNA EFFICIENCY
	55 PER CENT
	FACTOR
	DISTANCE TO TARGET
	100 METERS
	HEIGHT OF TARGET
	2 METERS

FIGURE 4

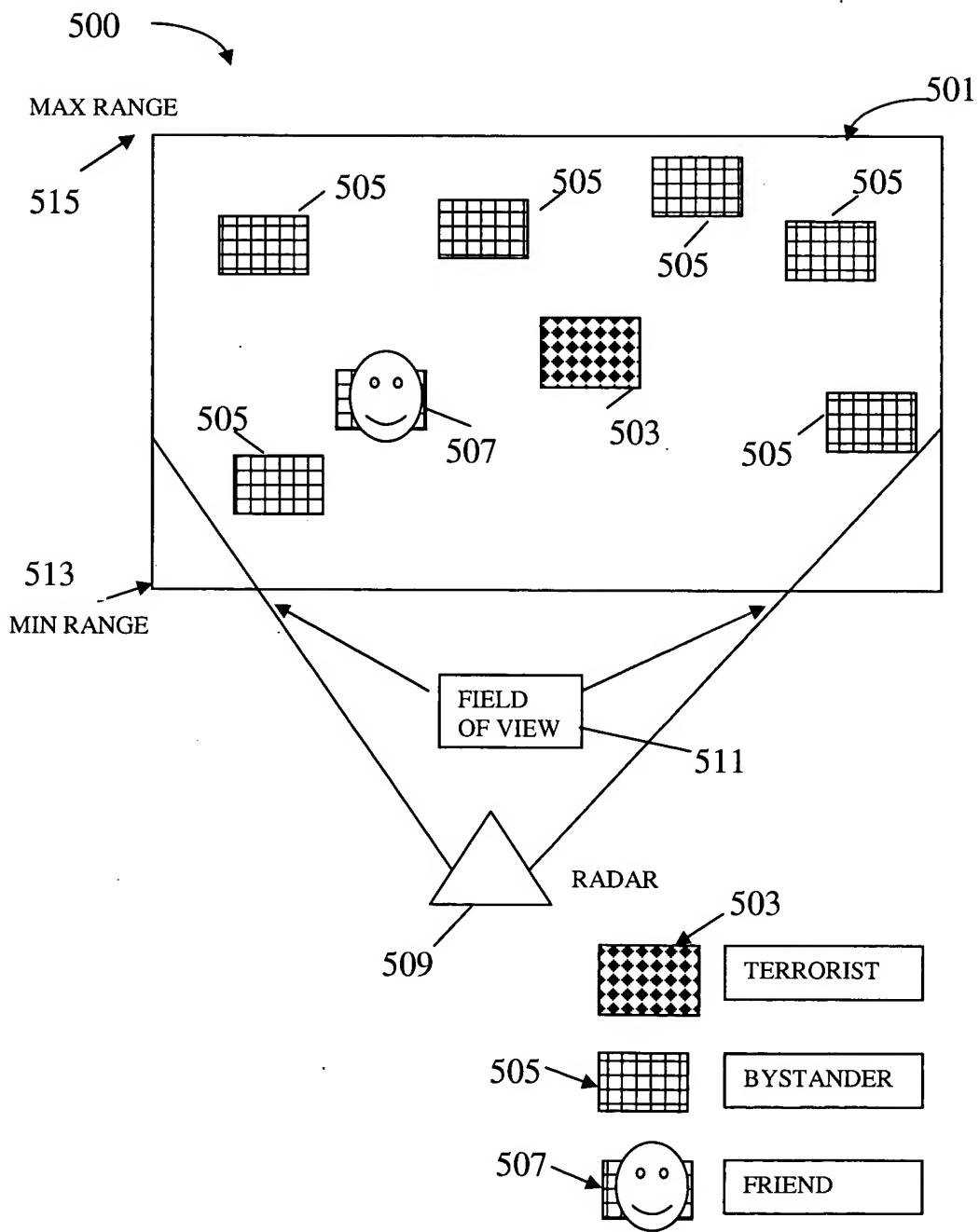


FIGURE 5

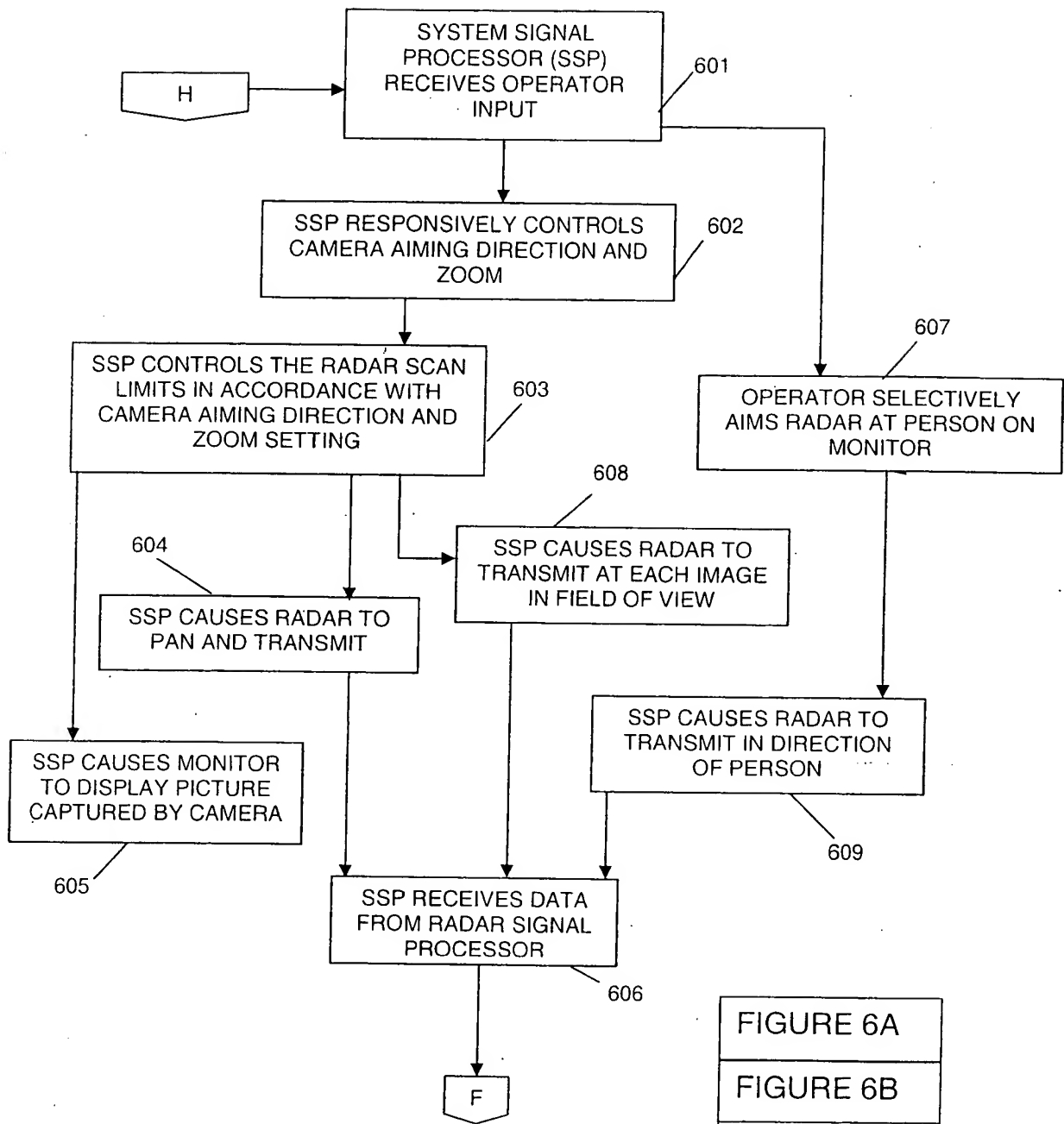


FIGURE 6A

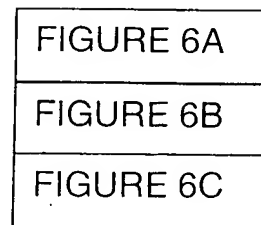


FIGURE 6

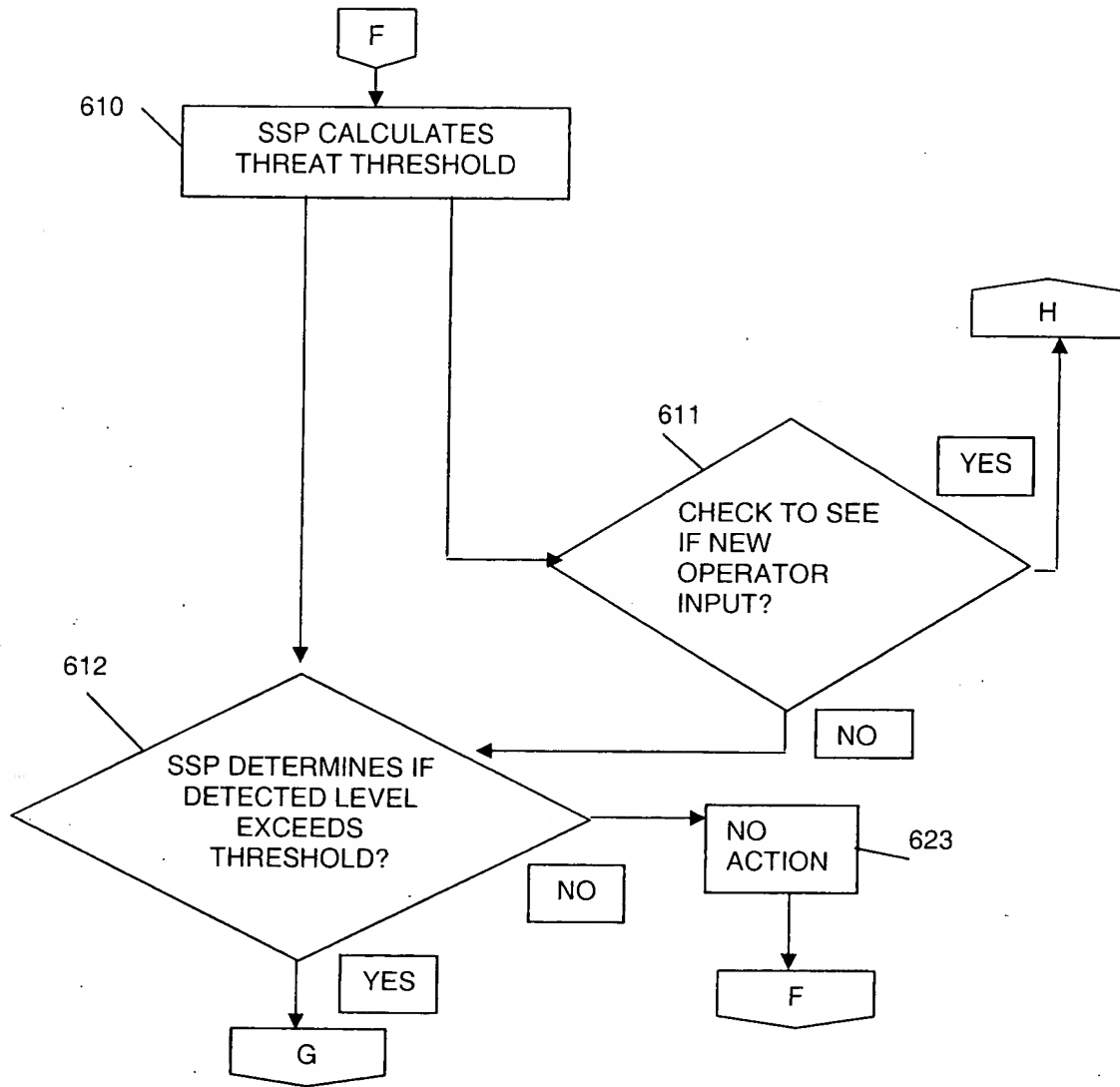


Figure 6B

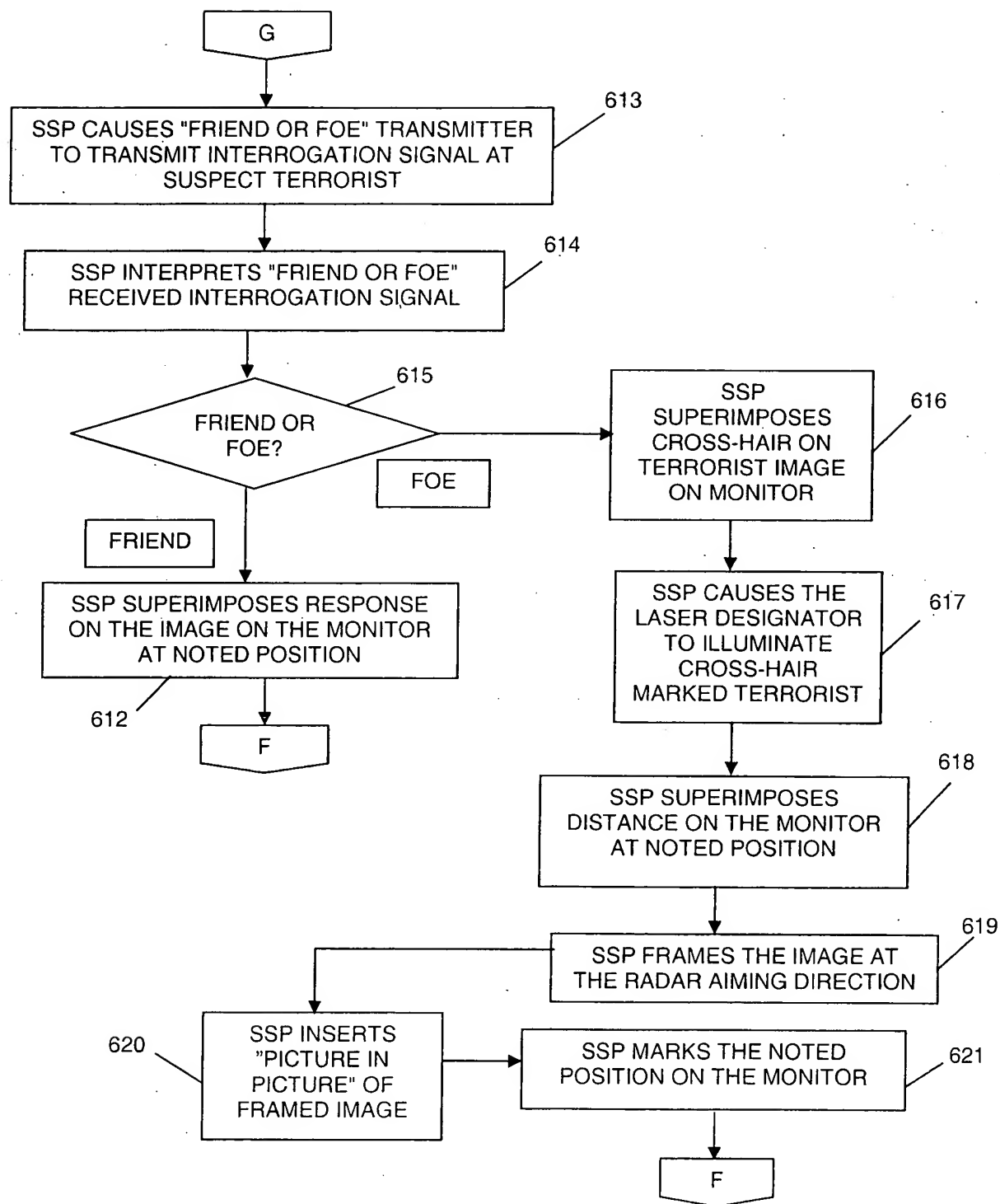


Figure 6C

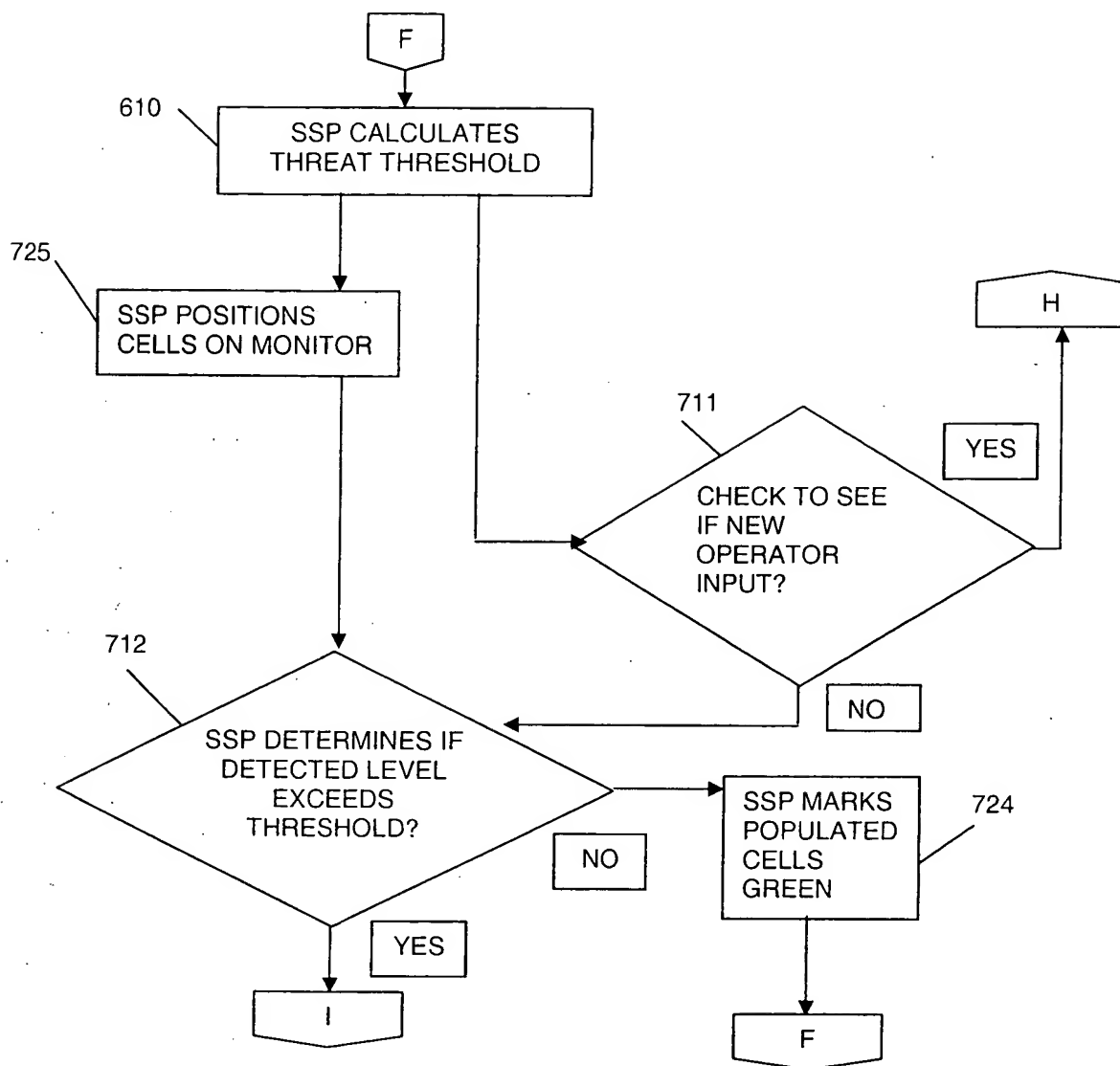


Figure 7B

FIGURE 6A
FIGURE 7B
FIGURE 7C

FIGURE 7

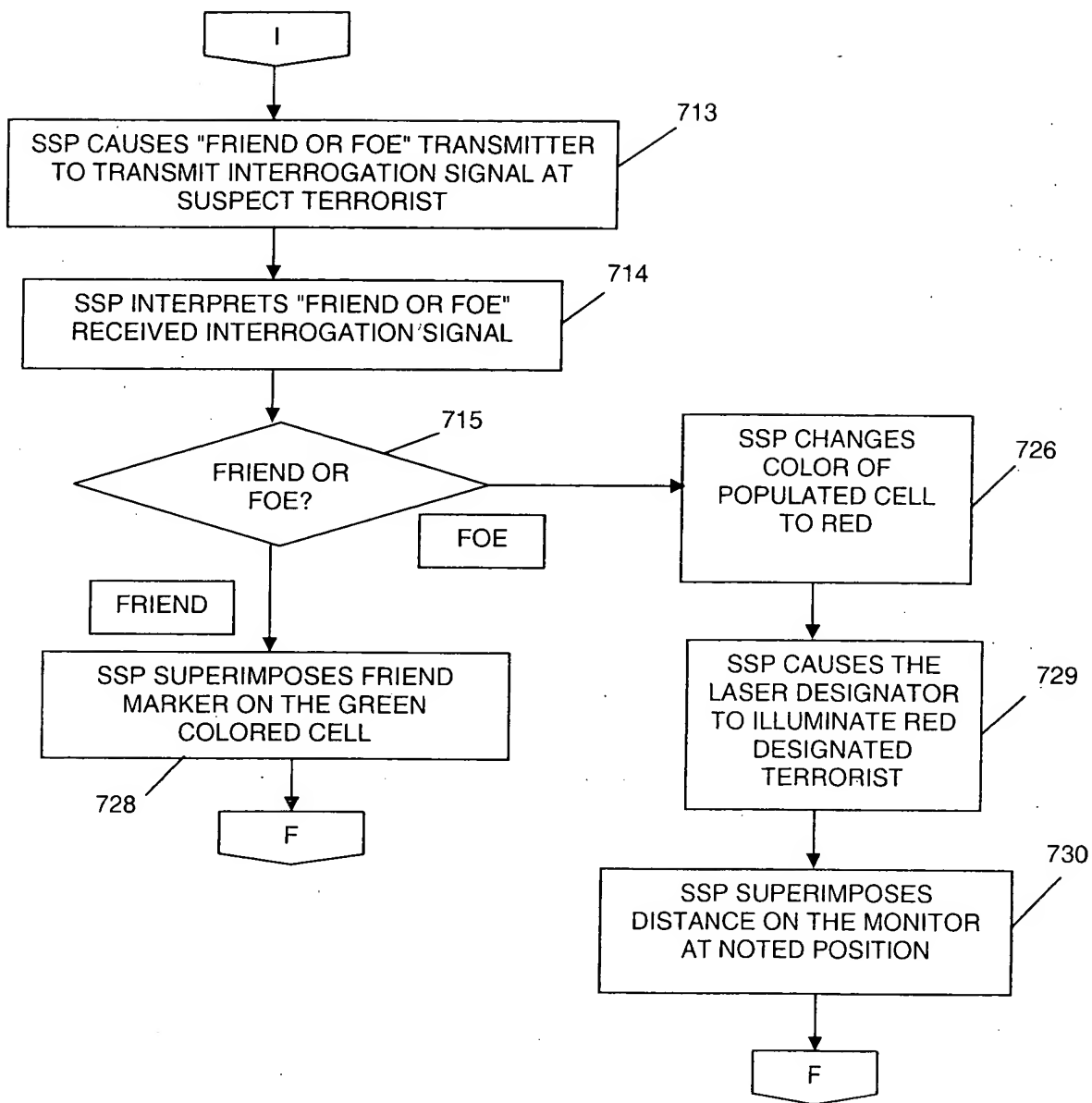


Figure 7C

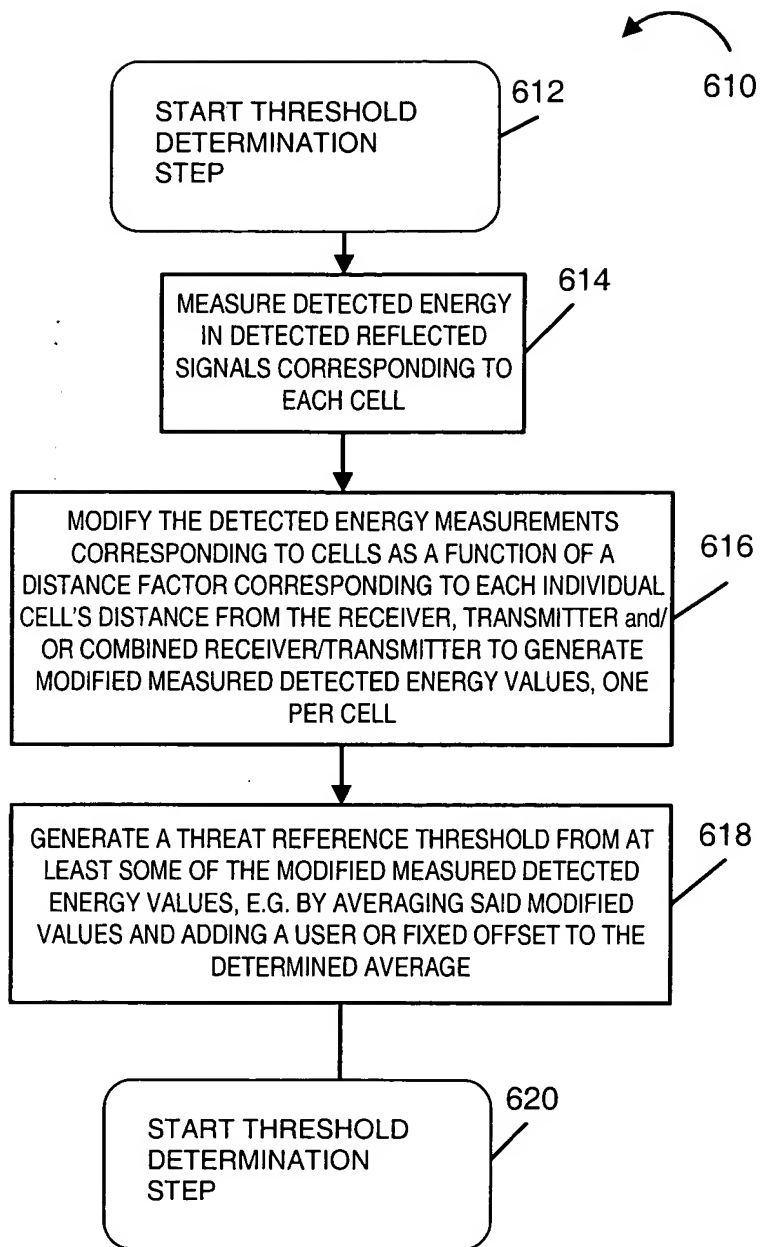


Figure 8